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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

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## Complete if Known

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|------------------------|-----------------|
| Application Number     | 10/633,717      |
| Confirmation Number    | 5697            |
| Filing Date            | August 05, 2003 |
| First Named Inventor   | Masaru HIRATA   |
| Art Unit               | 2817            |
| Examiner Name          | Unknown         |
| Attorney Docket Number | Q76825          |

## U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
|                    |                       | Number          | Kind Code <sup>2</sup><br>(if known) |                                |   |
| L.L.               |                       | US 5,115,515    | A                                    | 05/19/1992                     | Yamamoto et al.                                 |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |

## FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation <sup>6</sup> |
|--------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
|                    |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>2</sup><br>(if known) |                                |   |                          |
| L.L.               |                       | EP                        | 0 817 403           | A3                                   | 07/12/1998                     | Matsushita Electric Industrial Co., Ltd.        |                          |
| I                  |                       | JP                        | 61-73416            | A                                    | 04/15/1986                     | NEC Corporation                                 | English Abstract         |
|                    |                       |                           |                     |                                      |                                |   |                          |
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## NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation <sup>6</sup> |
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Examiner Signature

L.L.

Date Considered

10/27/05

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

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